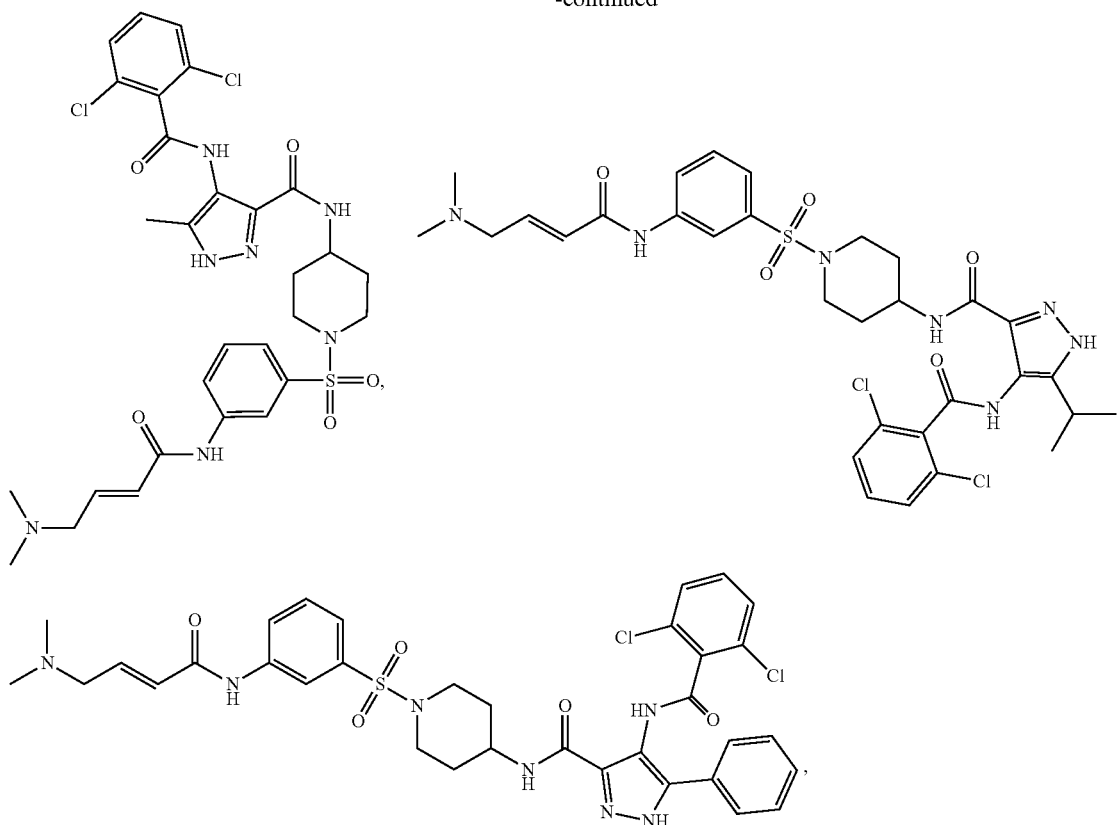


-continued



or a pharmaceutically acceptable salt, solvate, hydrate, tautomer, or stereoisomer thereof.

34. A pharmaceutical composition comprising a compound of any one of claims **1-33**, or a pharmaceutically acceptable salt, solvate, hydrate, tautomer, or stereoisomer thereof, and optionally a pharmaceutically acceptable excipient.

35. The pharmaceutical composition of claim **34**, wherein the pharmaceutical composition comprises a therapeutically effective amount of the compound for use in treating a proliferative disease in a subject in need thereof.

36. A method of treating a disease in a subject in need thereof, the method comprising administering to the subject a therapeutically effective amount of a compound of any one of claims **1-33**, or a pharmaceutically acceptable salt, solvate, hydrate, tautomer, or stereoisomer thereof, or a pharmaceutical composition of claim **34** or **35**.

37. The method of claim **36**, wherein the disease is a proliferative disease, a metabolic disorder, autoimmune disease, or a neurological disease.

38. The method of claim **36**, wherein the proliferative disease is cancer.

39. The method of claim **38**, wherein the cancer is a carcinoma.

40. The method of claim **38**, wherein the cancer is lung cancer.

41. The method of claim **40**, wherein the lung cancer is non small-cell lung cancer.

42. The method of claim **38**, wherein the cancer is breast cancer.

43. The method of claim **38**, wherein the cancer is liver cancer.

44. The method of claim **38**, wherein the cancer is pancreatic cancer.

45. The method of claim **38**, wherein the cancer is gastric cancer.

46. The method of claim **38**, wherein the cancer is ovarian cancer.

47. The method of claim **38**, wherein the cancer is colon cancer.

48. The method of claim **38**, wherein the cancer is colorectal cancer.

49. The method of claim **38**, wherein the metabolic disorder is diabetes.

50. The method of claim **36**, wherein the neurological disease is Alzheimer's disease.

51. The method of claim **36**, wherein the neurological disease is gliosis.

52. The method of claim **36**, wherein the neurological disease is spinal cord injury.

53. A method of male contraception in a subject in need thereof, the method comprising administering to the subject a therapeutically effective amount of a compound of any one of claims **1-33**, or a pharmaceutically acceptable salt, solvate, hydrate, tautomer, or stereoisomer thereof, or a pharmaceutical composition of claim **34** or **35**.

54. The method of claim **53**, wherein the male contraception comprises reducing or inhibiting spermatogenesis in a healthy fertile male subject.